



## AI SOFTWARE SUPPORTS SMART TEACHING FOR UNV SCREENS

### FEATURE LIST

No	FEATURES
<b>I</b>	<b>Speech Recognition &amp; Speaker Labeling Feature Group</b>
1	Support Vietnamese voice recognition.
2	English voice recognition.
3	Word Error Rate (WER) < 15% in office environment.
4	Good anti-interference, processing and filtering background noise.
5	Use voice feature extraction technology into vectors, then use clustering (like

	PLDA or k-means) to distinguish speakers.
6	Using ECAPA-TDNN technology for better recognition performance, especially in noisy environments. more accurate speaker recognition.
7	Delay < 3 seconds for realtime processing.
8	Supports processing audio files up to 16 hours long.
9	Recognize from multiple file formats: mp3/wav...
10	Classify topics or speakers.
11	Microphone compatible.
<b>II</b>	<b>Group of features to create lecture content according to form using AI</b>
12	Content analysis by section: introduction, report, discussion, conclusion, assignment. (automatic or manual).
13	Save personal/unit template.
14	Create documents from existing audio or text.
15	Export data via JSON format API.
16	Automatically fill meeting information into the form.
17	Support exact hour/minute format.
18	Support exporting multiple languages at the same time.
<b>III</b>	<b>AI Content Summarization &amp; Error Correction Feature Group</b>
19	Automatically correct Vietnamese spelling errors.
20	Advanced grammar correction.

21	Understand context to correct homonyms.
22	Summarize the content in bullet points.
23	Summarize the content in paragraphs.
24	Compare the original text and after editing.
25	Categorize discussion content by tag.
26	Automatic lecture title suggestion.
27	Extract key points with just one click.
28	Create email drafts from meeting content.
29	The AI API fixes errors and summarizes separately.
<b>IV</b>	<b>Security &amp; Storage Feature Group</b>
30	Encrypt audio files using AES-256.
31	Encode transcript content in the database.
32	Support OAuth2 authentication.
33	Single Sign-On (SSO) integration.
34	Detailed role-based authorization.
35	Record all access behavior (audit logs).
36	Save log of download, modification, and view times.
37	Option to auto-delete after X days.
38	Configure auto-delete per user.

39	On-premise hosting option.
40	Cloud storage support.
41	Cloud storage support.
42	Allows revoking viewing permissions after sharing.
43	Encrypt API access tokens.
44	Control download permissions by IP/device.
45	Intuitive user management interface.
46	Support two-step login (2FA).
47	Save access information by device.
48	Real-time access tracking interface.
49	Automatically check security configuration periodically.
50	Security limit exceeding warning interface.
51	Support system-specific SSL certificates.
52	Log out the entire session when needed.
<b>In</b>	<b>Network &amp; Operations</b>
53	Network Mode: Works in local area network (LAN-only); does not require Internet.
54	100% of features available offline; AI runs locally (on-device/on-prem).
55	Install directly on the interactive screen (Android/Windows) or internal server on the same LAN; no cloud dependency.

56	Data processing is completely internal; no external connections are generated; domain/IP blocking is supported.
57	Update offline using installer package (USB) or from local repository (HTTP/SMB), no Internet required.

